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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

JOHN R. BAZA
Division Director

Inspection Report

Supervisor ARZ

Minerals Regulatory Program
May 23, 2007

Mine Name: Indian Queen Marble
Operator Name: Indian Queen Marble LLC.

Permit number: M/001/019
Inspection Date: 05/23/2007
Time: 5:30 PM-7:00 PM

Inspector(s): Tom Munson
Other Participants: Gary Applegate and Bill Denney
Mine Status: Reclaimed and seeded in the fall 2006

Weather: Sunny

Elements of Inspection

	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

The site has been reclaimed a year and therefore an inspection is warranted and it was hoped that the seeding would be up and visible.

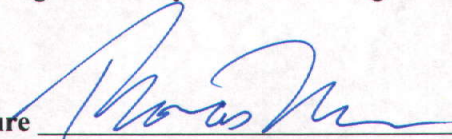
Inspection Summary:

The site was visited and there was no vegetation what-so-ever except some weeds and cheat grass in several areas. We were baffled by the fact that reclamation and revegetation was successful in all other areas. We walked the entire site and took pictures.

Conclusions and Recommendations:

The biologist be consulted and asked if reseeding is a good idea or should the operator wait one year to see if the moisture is limiting factor. If weeds like cheat grass will take over in the interim what should they do? Paul Baker, Division Biologist, was consulted and his answers to your questions are as follows: if cheat grass totally takes over, then herbicides are the only option. Paul recommended reseeding in the fall as the best option, although waiting until next year to see what grows would be another alternative.

Inspector's Signature



Date:

5/30/07

Directions to Site:

Go to Milford, Utah head West out of town, past Frisco summit, and turn right towards the north for several miles until you come to the site.

Inspector's tm: pb

cc: Gary Applegate, Indian Queen Marble LLC.

Ed ginouves@blm.gov

Photos

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CHEAT GRASS IN ONE AREA ON ROAD TO UPPER QUARRY



PREVIOUS RECLAMATION
GOOD GROWTH

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NO JRG AT ALL



WEEDS ↑

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NO VEG ON MAJORITY OF SITE



m/001/019
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UPPER QUARRY

